

**GOVERNMENT OF ANDHRA PRADESH
ABSTRACT**

I & CAD Dept- State Level Committee for Integrated Water Planning and Management (SCIWAM)- 1st meeting held on 06-07-2012 (Water Year 2012-13)- Approval of NSRSSP Revised tables- Accorded- Orders- Issued.

IRRIGATION & CAD (M&MI.T1.A2) DEPARTMENT

G.O.Ms.No. 40

Dated: 01-05-2013

Read:

From the Chairman-SCIWAM & ENC(G), Lr.No. ENC(IW)/SE(P&M)/EE-1/DEE9/AEE3/13308/SCIWAM/2012, Vol.XVII, dated 06-07-2012,16-10-2012, 07-02-2013.

ORDER:

In the references read above, the Engineer-in- Chief (G) has submitted that the NSRS Srisaillam Project is originally conceived as Hydro electric Project and later become as multipurpose project. The foundation stone was laid by the Hon'ble Prime Minister on 24-07-1963. The erection of radial crest gates was completed in 1984, since then water is being stored upto FRL + 885.00 ft. The original gross storage capacity of the reservoir (+) 885.00 ft (FRL) and live storage above MDDL (+) 854.00 ft was 308.06 TMC ft and 150.51 TMC ft respectively as per the capacity tables prepared in the year 1976.

2. The Engineer-in- Chief (G) has further submitted that the Srisaillam reservoir received unprecedented floods in the first week of October, 2009, and upstream water levels were recorded at an all time high of + 896.50 ft against the designed MWL of + 892.00 ft. The Dam Safety Review Panel of NSRS Srisaillam Project has inspected the Srisaillam Dam on 02.11.2009 to examine the post flood dam status and has suggested to carry to the Hydrographic Surveys of the Srisaillam reservoir to assess the extent of loss of storage after the floods.

3. In the 1st meeting of the SCIWAM for the water year 2012-13 held on 06.07.2012 at 3.30 pm in the Conference Hall of Engineer-in-Chief (AW), I&CAD Department, Jalsoudha, Hyderabad, the SCIWAM Committee reviewed and submitted the Hydrographic survey report 2011 of NSRS Srisaillam Project for approval of NSRS Srisaillam Project revised capacity tables.

4. The Engineer-in- Chief (G) has, therefore, requested to accord approval for revised capacity tables of NSRS Srisaillam Project as per Hydrographic survey report 2011 of APERL, Hyderabad, as it is necessary to adopt the revised capacity tables for Srisaillam Project from 01-06-2012 i.e., from the water year 2012-13, in order to match the outflows from Srisaillam Project and inflows received at Nagarjunasagar Project correctly.

5. Government after careful consideration hereby accord permission to the Engineer-in-Chief (G), to apply the revised capacity tables for NSRS Srisaillam Project, annexed to this order as Annexure, as per the Hydrographic survey Report 2011 of NSRS Srisaillam Project by APERL 2011.

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6. The Engineer-in- Chief (G) shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

AJOYENDRA PYAL
Spl. CHIEF SECRETARY TO GOVERNMENT (Irr)

To
The Engineer-in- Chief (G),
Jalasoudha, Errummanzil, Hyderabad.
The Chief Engineer, NSRS Srisailam Project,
6th Floor, Gaganvihar, M.J.Road, Hyderabad.
The P.S to Spl. Secretary to C.M
The P.S to Hon'ble Minister (M&MI)
The P.S to Spl. Chief Secretary (Irr)
The P.S to Prl. Secretary (AD)
The P.S to Spl. Secretary (KS)
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SECTION OFFICER

ANNEXURE TO G.O.MS.NO. 40 , I & CAD(M&MI-T1) Dept., dated 01-05-2013

Neelam Sanjeeva Reddy Sagar Project (Srisailam Reservoir)

Capacity Tables (As per Hydrographic Survey by APERL 2011)

Sl. No.	Elevation		Water Spread Area		Cum. Capacity	
	in Ft.	in Mts.	2011		2011	
			in M.Sqm	in M.Sqft.	in M.Cum	in TMC
1	642	195.68	0.001	0.011	0.000	0.000
2	643	195.99	0.034	0.366	0.004	0.000
3	644	196.29	0.108	1.163	0.025	0.001
4	645	196.60	0.180	1.938	0.068	0.002
5	646	196.90	0.235	2.530	0.131	0.005
6	647	197.21	0.306	3.294	0.214	0.008
7	648	197.51	0.340	3.660	0.312	0.011
8	649	197.82	0.372	4.004	0.420	0.015
9	650	198.12	0.400	4.306	0.538	0.019
10	651	198.42	0.431	4.639	0.665	0.023
11	652	198.73	0.546	5.877	0.813	0.029
12	653	199.03	0.748	8.051	1.009	0.036
13	654	199.34	1.039	11.184	1.281	0.045
14	655	199.64	1.468	15.801	1.661	0.059
15	656	199.95	1.774	19.095	2.155	0.076
16	657	200.25	2.273	24.466	2.770	0.098
17	658	200.56	2.602	28.008	3.511	0.124
18	659	200.86	2.884	31.043	4.347	0.154
19	660	201.17	3.070	33.045	5.255	0.186
20	661	201.47	3.282	35.327	6.223	0.220
21	662	201.78	3.452	37.157	7.250	0.256
22	663	202.08	3.605	38.804	8.323	0.294
23	664	202.39	3.752	40.386	9.445	0.334
24	665	202.69	3.895	41.925	10.611	0.375
25	666	203.00	4.037	43.454	11.820	0.417
26	667	203.30	4.179	44.982	13.073	0.462
27	668	203.61	4.319	46.489	14.365	0.507
28	669	203.91	4.470	48.115	15.705	0.555
29	670	204.22	4.609	49.611	17.089	0.604
30	671	204.52	4.750	51.129	18.517	0.654
31	672	204.83	4.907	52.819	19.989	0.706
32	673	205.13	5.055	54.412	21.503	0.759
33	674	205.44	5.199	55.962	23.067	0.815
34	675	205.74	5.352	57.608	24.676	0.871
35	676	206.04	5.506	59.266	26.332	0.930
36	677	206.35	5.658	60.902	28.034	0.990
37	678	206.65	5.810	62.538	29.777	1.052
38	679	206.96	5.962	64.174	31.573	1.115
39	680	207.26	6.116	65.832	33.414	1.180
40	681	207.57	6.271	67.500	35.303	1.247
41	682	207.87	6.432	69.233	37.241	1.315
42	683	208.18	6.593	70.966	39.220	1.385

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43	684	208.48	6.758	72.743	41.256	1.457
44	685	208.79	6.921	74.497	43.342	1.531
45	686	209.09	7.083	76.241	45.478	1.606
46	687	209.40	7.248	78.017	47.663	1.683
47	688	209.70	7.414	79.804	49.892	1.762
48	689	210.01	7.585	81.644	52.179	1.843
49	690	210.31	7.762	83.549	54.520	1.925
50	691	210.62	7.943	85.498	56.914	2.010
51	692	210.92	8.133	87.543	59.366	2.097
52	693	211.23	8.330	89.663	61.868	2.185
53	694	211.53	8.529	91.805	64.439	2.276
54	695	211.84	8.729	93.958	67.071	2.369
55	696	212.14	8.930	96.122	69.764	2.464
56	697	212.45	9.131	98.285	72.518	2.561
57	698	212.75	9.333	100.460	75.325	2.660
58	699	213.06	9.535	102.634	78.202	2.762
59	700	213.36	9.736	104.797	81.141	2.865
60	701	213.66	9.934	106.929	84.140	2.971
61	702	213.97	10.130	109.038	87.200	3.079
62	703	214.27	10.323	111.116	90.309	3.189
63	704	214.58	10.518	113.215	93.487	3.301
64	705	214.88	10.713	115.314	96.725	3.416
65	706	215.19	10.912	117.456	100.023	3.532
66	707	215.49	11.116	119.652	103.382	3.651
67	708	215.80	11.323	121.880	106.792	3.771
68	709	216.10	11.526	124.065	110.277	3.894
69	710	216.41	11.727	126.228	113.823	4.020
70	711	216.71	11.927	128.381	117.430	4.147
71	712	217.02	12.129	130.555	121.099	4.277
72	713	217.32	12.332	132.741	124.817	4.408
73	714	217.63	12.539	134.969	128.609	4.542
74	715	217.93	12.745	137.186	132.465	4.678
75	716	218.24	12.951	139.403	136.384	4.816
76	717	218.54	13.157	141.621	140.365	4.957
77	718	218.85	13.365	143.860	144.397	5.099
78	719	219.15	13.575	146.120	148.505	5.244
79	720	219.46	13.788	148.413	152.678	5.392
80	721	219.76	14.004	150.738	156.916	5.541
81	722	220.07	14.222	153.084	161.220	5.693
82	723	220.37	14.441	155.442	165.577	5.847
83	724	220.68	14.666	157.864	170.016	6.004
84	725	220.98	14.893	160.307	174.524	6.163
85	726	221.28	15.121	162.761	179.101	6.325
86	727	221.59	15.355	165.280	183.748	6.489
87	728	221.89	15.593	167.842	188.452	6.655
88	729	222.20	15.840	170.500	193.246	6.824
89	730	222.50	16.082	173.105	198.114	6.996
90	731	222.81	16.322	175.689	203.055	7.171

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91	732	223.11	16.564	178.293	208.070	7.348
92	733	223.42	16.806	180.898	213.143	7.527
93	734	223.72	17.054	183.568	218.306	7.709
94	735	224.03	17.309	186.313	223.547	7.895
95	736	224.33	17.580	189.230	228.867	8.082
96	737	224.64	17.886	192.523	234.276	8.273
97	738	224.94	18.187	195.763	239.759	8.467
98	739	225.25	18.496	199.089	245.353	8.665
99	740	225.55	18.817	202.545	251.043	8.866
100	741	225.86	19.152	206.150	256.833	9.070
101	742	226.16	19.499	209.885	262.727	9.278
102	743	226.47	19.855	213.717	268.709	9.489
103	744	226.77	20.221	217.657	274.820	9.705
104	745	227.08	20.585	221.575	281.043	9.925
105	746	227.38	20.954	225.547	287.378	10.149
106	747	227.69	21.347	229.777	293.829	10.377
107	748	227.99	21.749	234.104	300.379	10.608
108	749	228.30	22.157	238.496	307.075	10.844
109	750	228.60	22.576	243.006	313.896	11.085
110	751	228.90	22.994	247.505	320.846	11.331
111	752	229.21	23.422	252.112	327.924	11.581
112	753	229.51	23.851	256.730	335.110	11.834
113	754	229.82	24.280	261.348	342.449	12.094
114	755	230.12	24.702	265.890	349.919	12.357
115	756	230.43	25.119	270.379	357.517	12.626
116	757	230.73	25.527	274.770	365.240	12.898
117	758	231.04	25.925	279.054	373.061	13.175
118	759	231.34	26.320	283.306	381.028	13.456
119	760	231.65	26.712	287.526	389.115	13.742
120	761	231.95	27.105	291.756	397.322	14.031
121	762	232.26	27.498	295.986	405.649	14.326
122	763	232.56	27.894	300.249	414.069	14.623
123	764	232.87	28.291	304.522	422.637	14.925
124	765	233.17	28.685	308.763	431.326	15.232
125	766	233.48	29.083	313.047	440.135	15.543
126	767	233.78	29.485	317.374	449.067	15.859
127	768	234.09	29.895	321.787	458.092	16.178
128	769	234.39	30.307	326.222	467.273	16.502
129	770	234.70	30.720	330.667	476.580	16.830
130	771	235.00	31.141	335.199	486.013	17.164
131	772	235.31	31.567	339.784	495.576	17.501
132	773	235.61	31.990	344.337	505.237	17.842
133	774	235.92	32.414	348.901	515.058	18.189
134	775	236.22	32.833	353.411	525.009	18.541
135	776	236.52	33.252	357.922	535.086	18.897
136	777	236.83	33.678	362.507	545.293	19.257
137	778	237.13	34.112	367.179	555.597	19.621
138	779	237.44	34.557	371.968	566.069	19.991

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139	780	237.74	35.005	376.791	576.677	20.365
140	781	238.05	35.458	381.667	587.423	20.745
141	782	238.35	35.923	386.672	598.308	21.129
142	783	238.66	36.393	391.731	609.300	21.517
143	784	238.96	36.865	396.812	620.472	21.912
144	785	239.27	37.348	402.011	631.790	22.312
145	786	239.57	37.833	407.231	643.255	22.717
146	787	239.88	38.352	412.817	654.873	23.127
147	788	240.18	38.877	418.469	666.611	23.541
148	789	240.49	39.389	423.980	678.547	23.963
149	790	240.79	39.903	429.512	690.639	24.390
150	791	241.10	40.416	435.034	702.887	24.822
151	792	241.40	40.933	440.599	715.293	25.261
152	793	241.71	41.458	446.250	727.816	25.703
153	794	242.01	42.006	452.149	740.545	26.152
154	795	242.32	42.578	458.306	753.443	26.608
155	796	242.62	43.146	464.420	766.516	27.070
156	797	242.93	43.720	470.598	779.763	27.537
157	798	243.23	44.305	476.895	793.143	28.010
158	799	243.54	44.958	483.924	806.755	28.491
159	800	243.84	45.665	491.534	820.575	28.979
160	801	244.14	46.334	498.735	834.605	29.474
161	802	244.45	47.011	506.022	848.840	29.977
162	803	244.75	47.693	513.363	863.235	30.485
163	804	245.06	48.401	520.984	877.889	31.003
164	805	245.36	49.128	528.809	892.762	31.528
165	806	245.67	49.945	537.604	907.871	32.061
166	807	245.97	50.842	547.259	923.240	32.604
167	808	246.28	51.797	557.538	938.841	33.155
168	809	246.58	52.774	568.055	954.788	33.718
169	810	246.89	53.805	579.152	971.041	34.292
170	811	247.19	54.960	591.585	987.628	34.878
171	812	247.50	56.202	604.953	1004.579	35.477
172	813	247.80	57.474	618.645	1021.858	36.087
173	814	248.11	58.802	632.939	1039.590	36.713
174	815	248.41	60.261	648.644	1057.746	37.354
175	816	248.72	61.753	664.704	1076.353	38.011
176	817	249.02	63.382	682.238	1095.435	38.685
177	818	249.33	65.132	701.075	1114.969	39.375
178	819	249.63	66.892	720.019	1135.102	40.086
179	820	249.94	68.801	740.568	1155.794	40.817
180	821	250.24	70.772	761.783	1177.079	41.569
181	822	250.55	72.802	783.634	1198.973	42.342
182	823	250.85	75.033	807.648	1221.443	43.135
183	824	251.16	77.488	834.074	1244.701	43.957
184	825	251.46	80.119	862.394	1268.735	44.805
185	826	251.76	82.817	891.435	1293.582	45.683
186	827	252.07	85.573	921.100	1319.260	46.590

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187	828	252.37	88.320	950.669	1345.691	47.523
188	829	252.68	91.276	982.487	1373.078	48.490
189	830	252.98	94.399	1016.102	1401.387	49.490
190	831	253.29	97.650	1051.096	1430.678	50.524
191	832	253.59	101.107	1088.307	1460.987	51.595
192	833	253.90	104.825	1128.327	1492.287	52.700
193	834	254.20	108.853	1171.684	1524.871	53.851
194	835	254.51	113.195	1218.421	1558.731	55.047
195	836	254.81	117.840	1268.419	1593.962	56.291
196	837	255.12	122.645	1320.140	1630.633	57.586
197	838	255.42	127.670	1374.228	1668.679	58.929
198	839	255.73	133.091	1432.580	1708.442	60.334
199	840	256.03	138.610	1491.986	1749.873	61.797
200	841	256.34	144.520	1555.600	1793.048	63.321
201	842	256.64	150.302	1617.837	1838.005	64.909
202	843	256.95	156.175	1681.054	1884.587	66.554
203	844	257.25	162.301	1746.993	1933.151	68.269
204	845	257.56	168.633	1815.151	1983.616	70.051
205	846	257.86	175.076	1884.502	2036.028	71.902
206	847	258.17	181.336	1951.884	2090.378	73.822
207	848	258.47	187.577	2019.062	2146.450	75.802
208	849	258.78	194.330	2091.751	2204.688	77.859
209	850	259.08	201.225	2165.968	2265.007	79.989
210	851	259.38	208.433	2243.554	2327.477	82.195
211	852	259.69	215.904	2323.971	2392.185	84.480
212	853	259.99	223.622	2407.047	2458.989	86.839
213	854	260.30	231.526	2492.125	2528.396	89.290
214	855	260.60	239.870	2581.939	2600.280	91.829
215	856	260.91	248.164	2671.215	2674.702	94.457
216	857	261.21	256.720	2763.311	2751.693	97.176
217	858	261.52	265.784	2860.875	2831.109	99.981
218	859	261.82	274.718	2957.040	2913.532	102.891
219	860	262.13	283.891	3055.777	2998.716	105.900
220	861	262.43	292.876	3152.491	3086.670	109.006
221	862	262.74	302.054	3251.282	3177.393	112.210
222	863	263.04	311.234	3350.095	3270.609	115.502
223	864	263.35	320.749	3452.514	3366.983	118.905
224	865	263.65	331.119	3564.135	3466.389	122.416
225	866	263.96	341.418	3674.993	3568.947	126.037
226	867	264.26	351.819	3786.948	3674.799	129.776
227	868	264.57	362.606	3903.059	3783.905	133.629
228	869	264.87	373.308	4018.254	3896.184	137.594
229	870	265.18	384.060	4133.987	4011.555	141.668
230	871	265.48	394.417	4245.469	4129.938	145.849
231	872	265.79	404.470	4353.679	4251.252	150.133
232	873	266.09	413.530	4451.200	4375.416	154.518
233	874	266.40	422.467	4547.397	4502.351	159.001
234	875	266.70	431.391	4643.454	4632.083	163.582

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235	876	267.00	440.282	4739.156	4764.750	168.267
236	877	267.31	449.278	4835.988	4900.482	173.061
237	878	267.61	458.460	4934.822	5039.411	177.967
238	879	267.92	467.835	5035.734	5181.666	182.991
239	880	268.22	477.393	5138.615	5327.377	188.136
240	881	268.53	487.327	5245.544	5476.675	193.409
241	882	268.83	497.767	5357.919	5629.690	198.812
242	883	269.14	509.128	5480.208	5786.551	204.352
243	884	269.44	523.122	5630.838	5947.389	210.032
244	885	269.75	541.800	5831.887	6110.907	215.807

AJOYENDRA PYAL
Spl. CHIEF SECRETARY TO GOVERNMENT (Irr)